

Greater St. Paul DayCare Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Greater St. Paul DayCare, 15325 Gratiot, Detroit, MI., on June 29th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Daniel Dandridge on June 28th, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

17800 Woodward Ave Suite 200 Detroit, MI 48203

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 357400 7/7/2016

Customer: G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Greater St. Paul Daycare, DC-01-WF-01-P

15325 Gratiot

Source City: Detroit Source State: MI

Date/Time Received:

6/30/2016 13:30

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025 2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant. This column indicates the contaminant dilution factor.

"DF" Report Notes:

Fed Id # Contaminant	Method	Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed
1030 Lead	200.8	0.015	inorga mg/L	nic Analy	rtes - Metals ND		enonose oc.		7/E/DOVA

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 357401 7/7/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Greater St. Paul Daycare, DC-01-WF-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/30/2016 13:30

Collected by:

M. Etters

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 6/29/2016 06:2	0	7/5/2016

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EC 200.8

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ANALYTICAL REPORTS

SAMPLE CODE: 357402 7/7/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Greater St. Paul Daycare, DC-01-BF-02-P

Source City: Detroit

Source State:MI

Date/Time Received:

6/30/2016 13:30

Collected by:

M. Etters

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1030 Lead	200.8 0.015	mg/L 0.001	ND	1 6/29/2016 06:2	20	7/5/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 357403 7/7/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Greater St. Paul Daycare, DC-01-BF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/30/2016 13:30

Collected by:

M. Etters

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1030 Lead	200.8 0.015 mg/L 0.0	01 ND	1 6/29/2016 06:2	20	7/5/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 357398 7/7/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Greater St. Paul Daycare, DC-01-CBF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/30/2016 13:30

Collected by:

M. Etters

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Inorganic Analytes - Metals 1030 Lead 200.8 0.015 mg/L 0.001 0.014 1 6/29/2016 06:20 7/5/2016							

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SAMPLE CODE: 357399 7/7/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Greater St. Paul Daycare, DC-01-CBF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/30/2016 13:30

Collected by:

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Quality Water Analysis

1-800-458-3330

Sold To:

General Compliance

Order Number:

2077784

357398

Order Date:

05/20/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit	MI 48203	Payment \$:
Dotton	WII 40200	Check #:
Date Sampled : 6 129 16	~	Lab Comments/Special Instructions:
Time Sampled: 6:20	Please Use Military Time, e.g. 3 00pm = 15 00	
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Number: 313-83	9-7000 	
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M-National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077784 357399

Order Date:

05/20/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks Lab Accounting Information: 17800 Woodward Ave Detroit Payment \$:_ MI 48203 Check #: Lab Comments/Special Instructions: Date Sampled: 6 29, 16 Time Sampled: 6 : 20 Please Use Military Time, e.g. 3:00pm = 15.00 Check Time Zone: 🔲 ÉST 🗌 CST 🔲 MST 🔲 PST →Number: 313-839-State Forms: PWS ID# (if applicable): Sample ID or Source: DC-01-CBF-03-F Lab Sample Information: Source Type: Spring Well Municipal Surface ,30,16 Date Received: Other: Time Received: City & State: Received By: (If Different than Above) Sample receipt criteria checked & acceptable. Sample Collected By Deviations from acceptable sample receipt criteria noted on PSA form. Sample Collected By: Form Completed By:

* Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

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Order Number:

Order Date:

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Sample Paid: No

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Sold To:		For Laboratory Use ONLY
G. S. Group		Lab Accounting Information:
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Detroit	MI 48203	Check #:
ž		Lab Comments/Special Instructions:
Date Sampled : 6 129/16		
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Mational Testing Laboratories, Ltd.

Quality Water Analysis

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05/20/2016

Product:

Sample Paid: No

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Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
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Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077784

357402

Order Date:

05/20/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: For Laboratory Use ONLY G. S. Group Monica Starks Lab Accounting Information: 17800 Woodward Ave Payment \$: MI 48203 Detroit Check #: Lab Comments/Special Instructions: Date Sampled: 6 129 / 16 Time Sampled: 6:20 Check Time Zone: DEST CST MST PST 313-839-7000 State Forms: PWS ID# (if applicable): Sample ID or Source: DC-01- BF-07-Lab Sample Information: Source Type: Spring Well Municipal Surface Date Received: ☐ Other: Time Received: City & State: Received By: (If Different than Above) Sample receipt criteria checked & acceptable Sample Collected By Deviations from acceptable sample receipt criteria noted on PSA form. Sample Collected By: Form Completed By:

MATIONAL TestingLaboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077784

35/403

Sample Number:

05/20/2016

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

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G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit		
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 6 29 /	6	Lab Comments/Special Instructions:
Time Sampled: 6:20	Time of the contract of the co	
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Number: 313-83	33 - 7000	
PWS ID# (if applicable):	NA	State Forms:
Sample ID or Source: DC-01-BF-02-F		
Source Type: Spring Well Municipal Surface		Lab Sample Information: Date Received: 6 , 30 , 16
Other:		Time Received: 13 : 30
City & State: Hetro 7	Différent than Above)	Received By: MT
Sample Collected By:	NDE	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
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